



Substitute for form 1449A/B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet	1	of	1	Attorney Docket Number	0020-5147P
-------	---	----	---	------------------------	------------

**Complete if Known**

Application Number	10/609,402-Conf. #9344
Filing Date	July 1, 2003
First Named Inventor	Yoshinori SHIMIZU
Art Unit	2879
Examiner Name	J. L. Williams

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
JW	AA	US-5,700,713-A	12-23-1997	Yamazaki et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
JW	BA	JP-2002-270020-A	09-20-2002	CASIO COMPUTER CO LTD		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
JW	CA	Branko et al., Development and applications of highbright white LED lamps, November 29, 1996, The 264th Proceedings of the Institute of Phosphor Society. Pages 4-16 of the English translation.	

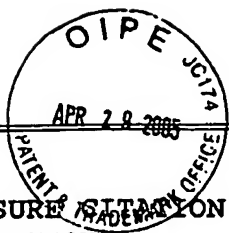
\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	<i>Joseph Williams</i>	Date Considered	8/15/05
-----------------------	------------------------	--------------------	---------

Birch, Stewart, Kolasch &amp; Birch, LLP

ADM/sld



Form PTO-1449

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

(Use several sheets if necessary)

ATTY. DOCKET NO.  
0020-5147PAPPLICATION NO.  
10/609,402APPLICANT  
Yoshinori SHIMIZU et al.FILING DATE  
July 1, 2003GROUP  
2879**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>AW</i>	US 4,644,223		1987-02-17	de Hair et al.			
<i>AW</i>	US 6,538,371	B1	2003-03-25	Duggal et al.			
<i>AW</i>	US 3,875,456		1975-04-01	Kano et al.			
<i>AW</i>	US 3,510,732		1970-05-05	R.L. Amans			
<i>AW</i>	US 5,550,657	A	1996-08-27	Tanaka et al.			
<i>AW</i>	US 5,578,839	A	1996-11-26	Nakamura et al.			
	US						
	US						
	US						
	US						

**FOREIGN PATENT DOCUMENTS**

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
<i>AW</i>	EP	0 500 937	A1	1992-09-02	EUROPE			X	
<i>AW</i>	JP	2001-320094	A	2001-11-16	JAPAN			X w/Abs	
<i>AW</i>	DE	3804293	A1	1989-08-24	GERMANY			Abs	
<i>AW</i>	JP	06-231605	A	1994-08-19	JAPAN			X w/Abs	
<i>AW</i>	GB	2 000 173	A	1979-01-04	GREAT BRITIAN			X	
<i>AW</i>	EP	0 383 215	A	1990-08-22	EUROPE			X	
<i>AW</i>	DE	9013615	U	1991-01-24	GERMANY				

**OTHER DOCUMENTS** (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)*AW* Sato et al. "Full-Color Fluorescent Display Devices Using a Near-UV Light-Emitting Diode", Japanese Journal of Applied Physics, vol. 35, July 1, 1996, pp. L838-L839.

EXAMINER

*Angela W. Collins*

DATE CONSIDERED

*8/15/05*

EXAMINER: Initial citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



PTO/SB/08a/b (08-03)  
Approved for use through 07/31/2008. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/609,402-Conf. #9344
				Filing Date	July 1, 2003
				First Named Inventor	Yoshinori SHIMIZU et al.
				Art Unit	2879
				Examiner Name	J.L. Williams
Sheet	1	of	2	Attorney Docket Number	0020-5147P

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
JW	AA	US-6,066,861 A	05/23/2000	Hohn et al.	
JW	AB	US-6,784,511 B1	08/31/2004	Kunihara et al.	
JW	AC	US-5,257,049 A	10-26-1993	Van Peteghem	
JW	AD	US-6,576,930 B2	06-10-2003	Reeh et al.	
JW	AE	US-6,812,500 B2	11-02-2004	Reeh et al.	
JW	AF	US-2001-030326 A1	10-18-2001	Reeh et al.	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)					
JW	BA	JP11-500584		01/12/1999			Y
JW	BB	JP49-122292		11/22/1974			Y
JW	BC	JP7-321407		12/08/1995	FUJI ELECTRIC CO LTD.		Y
JW	BD	JP5-226676		03/09/1993	SHARP CORP.		Y
JW	BE	JP6-115158		04/26/1994	AGFA GEVAERT NV		Y
JW	BF	JP07-288341		10/31/1995	NICHIA CHEM IND LTD		Y
JW	BG	JP61-158606		07/18/1986			Y
JW	BH	JP2000-512806		09/26/2000			Y

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
JW	CA	Nikkei Sangyo Shin-bun of September 13, 1996		
JW	CB	S. NAKAURA et al., "High Quality InGaN Films Grown on GaN Films", Japanese Journal of Applied Physics Part 2, Vol. 31, No. 10B, 1992, pages L1457-1459 no month		
JW	CC	Mitsubishi Electric Company Technical Report, Vol. 48, No. 9, 1974, pages 1121-1124 no month		
JW	CD	Proceedings of Illumination National Convention in 1983, page 12 no month		
JW	CE	Phosphor Handbook, 1 <sup>st</sup> Edition, 1987, pages 233-240 and 275-277 no month		
JW	CF	Journal of the Television Society, Vol. 47, No. 5, 1993, pages 753-764 no month		
JW	CG	R.W.G. HUNT, "Revised Colour-Appearance Model for Related and Unrelated Colours", Color Research & Application, Vol. 16, No. 3, 1991, pages 146-165 no month		
JW	CH	Y. NAYATANI, "Revision of the Chroma and Hue Scales of a Nonlinear Color-Appearance Model", Color Research & Application, Vol. 20, No. 3, June 1995, pages 143-155		
JW	CI	M. IKEDA et al., "Equivalent Lightness of Colored Objects at Illuminances from the Scotopic to the Photopic Level", Color Research & Application, Vol. 14, No. 4, August, 1989, pages 198-206		

Examiner Signature	<i>J. L. Williams</i>	Date Considered	8/15/05
-----------------------	-----------------------	--------------------	---------

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/609,402-Conf. #9344
				Filing Date	July 1, 2003
				First Named Inventor	Yoshinori SHIMIZU et al.
				Art Unit	2879
				Examiner Name	J.L. Williams
Sheet	2	of	2	Attorney Docket Number	0020-5147P

<i>JW</i>	CJ	M. IKEDA et al., "Equivalent Lightness of Colored Objects of Equal Munsell Chroma and of Equal Munsell Value at Various Illuminances", Color Research & Application, Vol. 16, No. 2, April, 1991, pages 72-80	
<i>JW</i>	CK	H. SHINODA et al., "Categorized Color Space on CRT in the Aperture and the Surface Color Mode", Color Research & Application, Vol. 18, No. 5, October, 1993, pages 326-333	
<i>JW</i>	CL	M. IKEDA, "Change of Color Conspicuity for Various Illuminance Levels: Effects of the Purkinje shift", Journal of the Illumination Society, Vol. 71, No. 10, 1987, pages 612-617 And English Abstract <i>no month</i>	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	<i>Jorge Williams</i>	Date Considered	8/15/05
--------------------	-----------------------	-----------------	---------